



Serial No. 1,896 – Wieder, Horst K.

Art Unit: 2859 – Attorney Docket 10020

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**Amendments to the Claims:**

Claim 1. (amended) A temperature indicator comprising:

- a. a tube which is at least partially transparent;
- b. said tube having printing and markings on the exterior of the tube indicating various temperature level ranges;
- c. said tube ~~filled mostly, but not entirely,~~ substantially filled with a substance that thaws at a desired temperature-; and
- d. said tube containing a float, wherein said float comprises:
  - i. ~~a soft material such as~~ closed cell foam for float material;
  - ii. an indicator ring adjacent to one end of ~~the~~ said float material; and
  - iii. a screw that acts as a weight for ~~the~~ said float and secures ~~the~~ said indicator ring to ~~the~~ said float material.

Claim 2. (amended) The temperature indicator according to claim 1, wherein ~~the~~ said printing includes graduations between said markings which when read in conjunction with the position of said indicator ring determines the actual temperature levels said temperature indicator reached.

Claim 3. (amended) A method for monitoring and verifying the temperature of the contents of a container over time, comprising the steps of:

- a. sealing a liquid- and a float inside of a tube that is at least partially transparent, wherein said float comprises:
  - i. a closed cell foam for float material;
  - ii. an indicator ring adjacent to one end of the said float material; and
  - iii. a screw that acts as a weight for said float and secures said indicator ring to said float material;
- b. marking the exterior of ~~the~~ said tube with temperature zones;
- c. turning ~~the~~ said tube upside down so that ~~the~~ said float falls down to the top of the said tube;
- d. freezing ~~the~~ said liquid in ~~the~~ said tube by reducing the temperature to less than the desired freezing level;
- e. placing ~~the~~ said frozen tube top side up in a container;
- f. removing ~~the~~ said tube from ~~the~~ said container at a later point in time;
- g. viewing the position of ~~the~~ said indicator ring in ~~the~~ said tube relative to ~~the~~ said temperature zone markings to determine the temperature of the inside of ~~the~~ said container; and
- h. ~~either repeating steps e e to conclude temperature measurements through g above or replacing said tube back inside of said container.~~

Claim 4. (amended) The method according to claim 3, wherein ~~the~~ said marking on the exterior of ~~the~~ said tube includes graduations between said markings which when read in

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conjunction with the position of said indicator ring determines indicating the actual temperature levels said temperature indicator reached.